

Title (en)

Seat belt retractor

Title (de)

Gurtaufroller für einen Sicherheitsgurt

Title (fr)

Enrouleur pour ceinture de sécurité

Publication

EP 1314623 B1 20050209 (EN)

Application

EP 02018343 A 20020814

Priority

DE 10156825 A 20011120

Abstract (en)

[origin: EP1314623A1] A seat belt retractor, having a belt reel 1 for a seat belt webbing (2) and a load limiter (3) which has a flowable load-limiter medium (16) that is transported through a flow channel, by a displacement device (4) drivable by the belt reel (1), at an energy consumption related to a crash, in which the flow resistance of the transported load-limiter medium (16) in the flow channel (30) or the volume of the load-limiter medium (16) transported in the flow channel (30) per unit time is adjustable. <IMAGE>

IPC 1-7

B60R 22/34

IPC 8 full level

B60R 22/343 (2006.01); **B60R 22/34** (2006.01); **B60R 22/28** (2006.01)

CPC (source: EP KR US)

B60R 22/3413 (2013.01 - EP US); **B60R 22/343** (2013.01 - KR); **B60R 2022/282** (2013.01 - EP US); **B60R 2022/284** (2013.01 - EP US); **B60R 2022/288** (2013.01 - EP US)

Cited by

EP2300278A4; DE102004035486A1; EP2657091A1; JP2015515251A; WO2013159842A3; US9505378B2

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